

# RHODES AMERICAN

## A *Fluid* ENTERPRISES COMPANY

### MATERIAL SAFETY DATA SHEETS

#### 1. CHEMICAL PRODUCT & COMPANY INFORMATION

<p>Manufacturer: Rhodes American 1540 East Dundee Road Suite 210 Palatine, IL 60074</p> <p>Product Name: Tough As Tile, Almond, Part A</p> <p>Product Number: 720734, 720761</p> <p>Product Description: Epoxy Paint</p> <p>Preparation Date: September 4, 1998</p> <p><u>HMIS Hazard Codes</u></p> <p>Health: 2</p> <p>Flammability: 3</p> <p>Reactivity: 1</p> <p>PP Equipment: G</p>	<p>Emergency Phone: 800-255-3924</p> <p>Information Phone: 800-621-8934</p> <p>E-Mail: mail@rhodesamerican.com</p>
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#### 2. COMPOSITION/INGREDIENTS

Component	%	CAS#	TLV	PEL OSHA	Vapor Pressure MmHg @ Temp	
Glycol Ether PM	15.76	00107-98-2	100ppm	150ppm	12.5	25C
Glycol Ether DPM	8.95	34590-94-8	100ppm	150ppm	.4	20C
2-Butoxy Ethanol or Butyl Cellosolve	10.86	111-76-2	50ppm	50ppm	.1	20C
SC-100 or Aromatic 100	3.06	64742-95-6	100ppm	100ppm	3.0	20C
Xylene	.05	1330-20-7	100ppm	100ppm	5.1	20C
Carbon Black	.02	7440-44-0	3.5 mg/m <sup>3</sup>		0.0	20C
N-Butyl Acetate	.51	123-86-4	150ppm	150ppm	10.0	20C
N-Propyl Acetate	.02	109-60-4	200ppm	200ppm	23.0	20C

#### 3. PHYSICAL/CHEMICAL CHARACTERISTICS

Appearance & Odor:	Thin tan colored liquid with hydrocarbon odor	
Boiling Point:	210-378°F	
Melting Point:	Not Available	
Vapor Density (Air = 1):	>1	
Specific Gravity (Water = 1):	>1	11.723 Lbs/Gallon
Evaporation Rate:	<1 (1=Ether)	
Solubility in Water:	Insoluble	

#### 4. FIRE & EXPLOSION HAZARD DATA

Flash Point:	55°F	Flammable Limits:
Extinguishing Media:	Foam, Alcohol Foam, CO <sub>2</sub> , Dry Chemical	LEL: 1.0      UEL: N/A
Special Fire Fighting Procedure:	Use full protective equipment, including self-contained breathing apparatus with full-face shield and positive pressure mode to protect firefighters from hazardous combustion products. Avoid use of water for the purpose of extinguishing fire.	
Protective Equipment:	Approved self-contained breathing apparatus and full bunker gear should be worn.	

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Unusual Fire & Explosion Hazards:	Product is flammable and may be ignited by heat, flame, sparks or static discharge. Product vapors are heavier than air and may travel along floor to be ignited (by smoking, heaters, electric motors, pilot lights, any open flame source, ect.) at locations distant from material handling point. Closed containers may explode when exposed to extreme heat.
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### **5. REACTIVITY DATA**

Stability: Stable

Conditions To Avoid: Heat, hot surfaces, and all open flames and sources of ignition.

Incompatibility (materials to avoid): Strong oxidizing agents.

Hazardous Decomposition Products: Heat may cause product to decompose. Toxic fumes such as CO, CO<sub>2</sub> or various hydrocarbons may be produced.

Hazardous Polymerization: Will not occur

Conditions to Avoid (Poly): None

### **6. HEALTH HAZARD DATA**

#### Effects of overexposure

Inhalation: May cause nasal or respiratory irritation. Symptoms include central nervous system depression characterized by headache, dizziness, fatigue, loss of coordination, nausea, unconsciousness or even asphyxiation. Repeated exposure to this product may cause sensitization of the respiratory tract and the development of asthmatic reaction upon further exposure.

Ingestion: Can cause gastrointestinal irritation, nausea, vomiting or diarrhea. Aspiration of material into lungs (during swallowing or vomiting) can cause chemical pneumonitis, which can be fatal.

Eye: Can cause severe eye irritation, redness, and tearing or blurred vision.

Skin: May cause skin irritation. Prolonged or repeated contact may cause redness, burning, defatting or dermatitis. Components of this product contain an amine type resin, which may cause skin sensitization.

Chronic: Components of this product have been found to cause the following in laboratory animals: CNS damage, liver abnormalities, blood changes, eye, kidney, lung and bone marrow damage. Components of this product have been suggested as a cause of cardiac abnormalities and CNS damage in humans.

#### Emergency and First Aid Procedures

Inhalation: Remove from exposure/area. Restore breathing. Keep warm and quiet. Notify a physician.

Ingestion: If swallowed, **DO NOT INDUCE VOMITING**. Keep head below hips. Get immediate medical attention.

Eyes: Flush immediately with copious amounts of running water for at least 15 minutes. Get immediate medical attention.

Skin: Remove from skin with soap and water. Remove and launder contaminated clothing.

### **7. PRECAUTIONS FOR SAFE HANDLING & USE**

Steps if Material Released/Spilled: Remove all sources of ignition (open flames, hot surfaces, and electrical, static or frictional sparks). Avoid breathing vapors. Dike area to prevent material from entering drains or sewers. Remove with inert absorbent.

Neutralizing Agent: Not determined

Waste Disposal Method: Dispose of in accordance with all applicable local, state and federal regulations. Do not incinerate closed containers.

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Precautions-Handling/Storing: Keep away from open flames. Warnings apply to empty containers. Do not store above 120°F. Keep containers tightly closed. Store large quantities in buildings designed to comply with OSHA 1910.106.

Other Precautions: Do not take internally. Containers must be bonded or grounded during pouring or mixing operations. Do not cut, braze or weld cured coating without NIOSH approved respirator or appropriate ventilation. Keep container closed when not in use.

### **8. CONTROL MEASURES**

Respiratory Protection: In open areas use NIOSH approved mechanical respirator to remove solid airborne particles of overspray during spray application. In restricted ventilation areas use NIOSH approved chemical and mechanical filters designed to remove a combination of particulate and vapor. In confined areas use NIOSH approved airline type respirator or hood.

Ventilation: Provide local exhaust ventilation/general dilution in volume and pattern to keep TLV and PEL of most hazardous ingredient below limits. Heavy solvent vapors should be removed from lower levels of area.

Protective Gloves: Chemical resistant

Eye Protection: Splashproof goggles. Do not wear contact lenses.

Other Protective Clothing & Equipment: Avoid prolonged contact with contaminated clothing.

Work Hygienic Practices: Wash hands before eating, drinking or smoking. Observe excepted good hygiene practices.

Supplier Safety & Health Data: Not determined

### **9. TRANSPORTATION DATA**

DOT Proper Shipping Name: Paint

DOT Technical Name: Paint Flammable Liquid

DOT Hazard Class: 3

Hazard Subclass: N/A

DOT UN/NA Number: UN1263

Packing Group: II

Resp. Guide Page: 127

### **10. REGULATORY INFORMATION**

OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200)

CERCLA-SARA Hazard Category: This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories: IMMEDIATE HEALTH HAZARD, CHRONIC HEALTH HAZARD, FIRE HAZARD, REACTION HAZARD

SARA Section 313: This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

<u>Chemical Name</u>	<u>CAS Number</u>	<u>WT/WT % is less than:</u>
Ethylene Glycol N-Butyl Ether	111-76-2	11.0%
Xylene, Mixed Isomers	1330-20-7	1.0

U.S. State Regulations:

California Proposition 65: No Proposition 65 chemicals exist in this product.

International Regulations:

Canadian WHMIS: This MSDS has been prepared in compliance with Controlled Product Regulations except for use of the 16 headings.

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